



# SPYWOLF

## Security Audit Report



Completed on  
**June 19, 2023**

 @SPYWOLFNETWORK

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 SPYWOLF.CO



# OVERVIEW

This audit has been prepared for **Deepw3b** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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## PROJECT DESCRIPTION

### **According to their whitepaper:**

Deepw3b provides users with real-time information on tokens from various blockchains.

This feature ensures that users have access to the most up-to-date data, allowing them to make informed decisions based on current market conditions.

**Release Date:** Presale starts in June, 2023

**Category:** On-chain analysis



# CONTRACT INFO

Token Name  
deepw3b\_test

Symbol  
DW3B\_TEST

Contract Address  
0x194f64dB661F6B89d7A4e7279EFFed0Ce92b9d1b

Network  
Goerli **TESTNET**

Language  
Solidity

Deployment Date  
Jun 16, 2023

Verified?  
Yes

Total Supply  
100,000,000

Status  
Not launched

## TAXES

Buy Tax  
**6%**

Sell Tax  
**6%**

\*Taxes can be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	TESTNET
Uniq Senders	TESTNET
Uniq Receivers	TESTNET
Total Amount	TESTNET
Median Transfer Amount	TESTNET
Average Transfer Amount	TESTNET
First transfer date	TESTNET
Last transfer date	TESTNET
Days token transferred	TESTNET

# SMART CONTRACT STATS

Calls Count	TESTNET
External calls	TESTNET
Internal calls	TESTNET
Transactions count	TESTNET
Uniq Callers	TESTNET
Days contract called	TESTNET
Last transaction time	TESTNET
Created	TESTNET
Create TX	TESTNET
Creator	TESTNET



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## High Risk

No high risk-level threats found in this contract.

## Medium Risk

No medium risk-level threats found in this contract.

## Low Risk

No low risk-level threats found in this contract.



## Informational

Owner can set buy/sell/transfer fees up to 6%.

Combined buy+ sell = 12%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
uint256 public constant maxTransferTaxes = 600;
uint256 public constant maxBuyTaxes = 600;
uint256 public constant maxSellTaxes = 600;
uint256 constant masterTaxDivisor = 10000;

function setTaxes(
    uint16 buyFee,
    uint16 sellFee,
    uint16 transferFee
) external onlyOwner {
    require(!taxesAreLocked, "Taxes are locked.");
    require(
        buyFee <= maxBuyTaxes &&
        sellFee <= maxSellTaxes &&
        transferFee <= maxTransferTaxes,
        "Cannot exceed maximums."
    );
    _taxRates.buyFee = buyFee;
    _taxRates.sellFee = sellFee;
    _taxRates.transferFee = transferFee;
}
```



## Informational

Owner can exclude address from fees, max transaction and max wallet limits.

```
function setExcludedFromLimits(address account, bool enabled)
    external onlyOwner {
        _isExcludedFromLimits[account] = enabled;
    }

function setExcludedFromFees(address account, bool enabled)
    public onlyOwner
{
    _isExcludedFromFees[account] = enabled;
}
```

Owner can set max transaction limit but cannot lower it than 0.5% of total supply.

```
function setMaxTxAmount(uint256 percent, uint256 divisor)
    external
    onlyOwner
{
    require(
        (_tTotal * percent) / divisor >= ((_tTotal * 5) / 1000),
        "Max Transaction amt must be above 0.5% of total supply."
    );
    _maxTxAmount = (_tTotal * percent) / divisor;
}
```

Owner can withdraw any tokens from the contract.  
When this function is present, in cases tokens sent into the contract by mistake or purposefully, contract's owner can retrieve them.

```
function sweepContingency() external onlyOwner {
    payable(_owner).transfer(address(this).balance);
}

function sweepExternalTokens(address token) external onlyOwner {
    IERC20 TOKEN = IERC20(token);
    TOKEN.transfer(_owner, TOKEN.balanceOf(address(this)));
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

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## Deepw3b

### GOOD PRACTICES FOUND

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit, but can't lower it than 0.5% of total supply



There is no information about the initial tokens distribution based on the project's whitepaper and/or website.

# TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

**Website URL**  
<https://deepw3b.com/>

**Domain Registry**  
<https://www.nominalia.com>

**Domain Expiration**  
2023-11-04

**Technical SEO Test**  
Passed

**Security Test**  
Passed. SSL certificate present

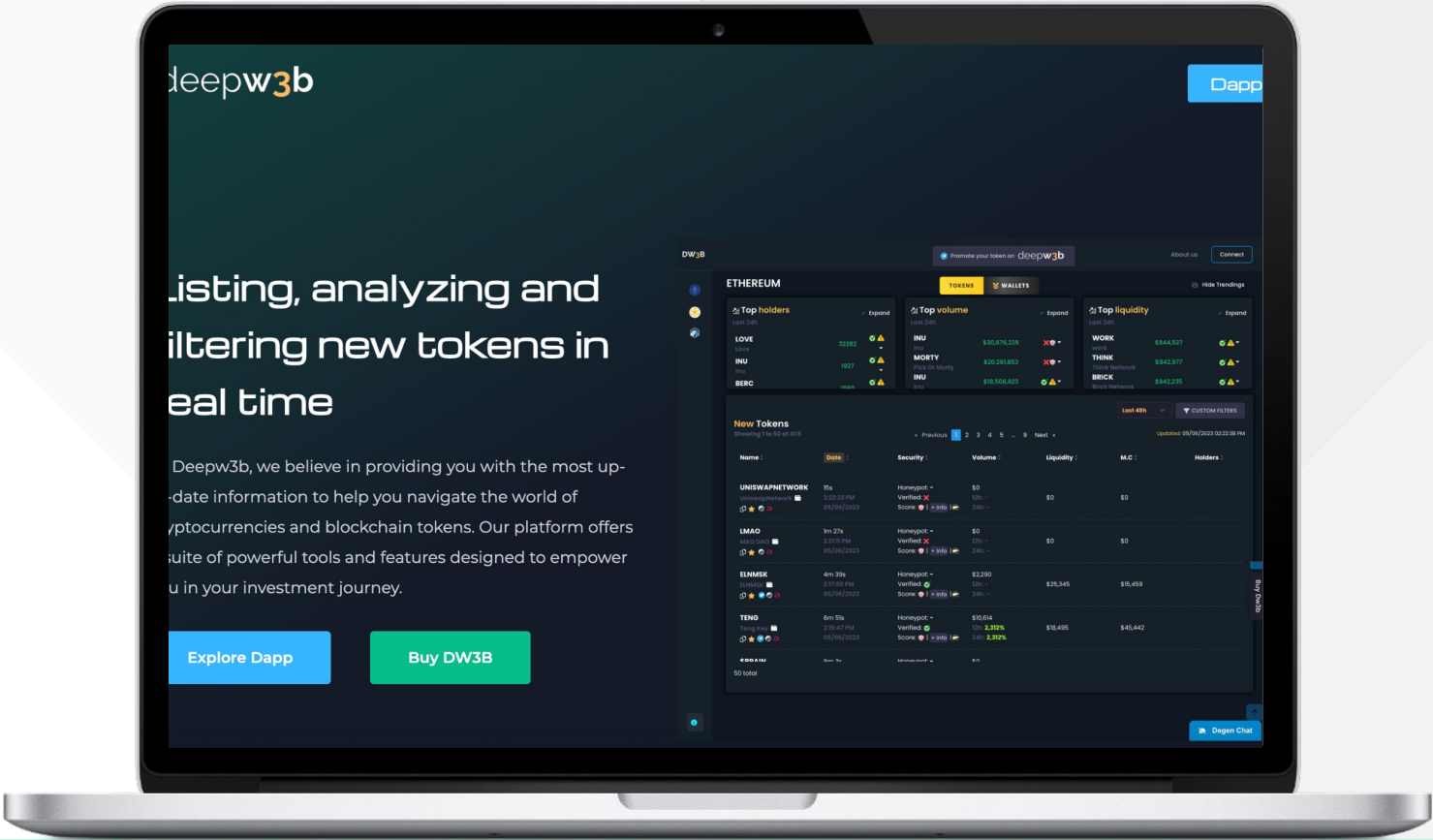
**Design**  
Single page design with appropriate color scheme and graphics.

**Content**  
The information helps new investors understand what the product does right away. No grammar mistakes found.

**Whitepaper**  
No

**Roadmap**  
Yes, goals set without time frames.

**Mobile-friendly?**  
Yes



# deepw3b.com

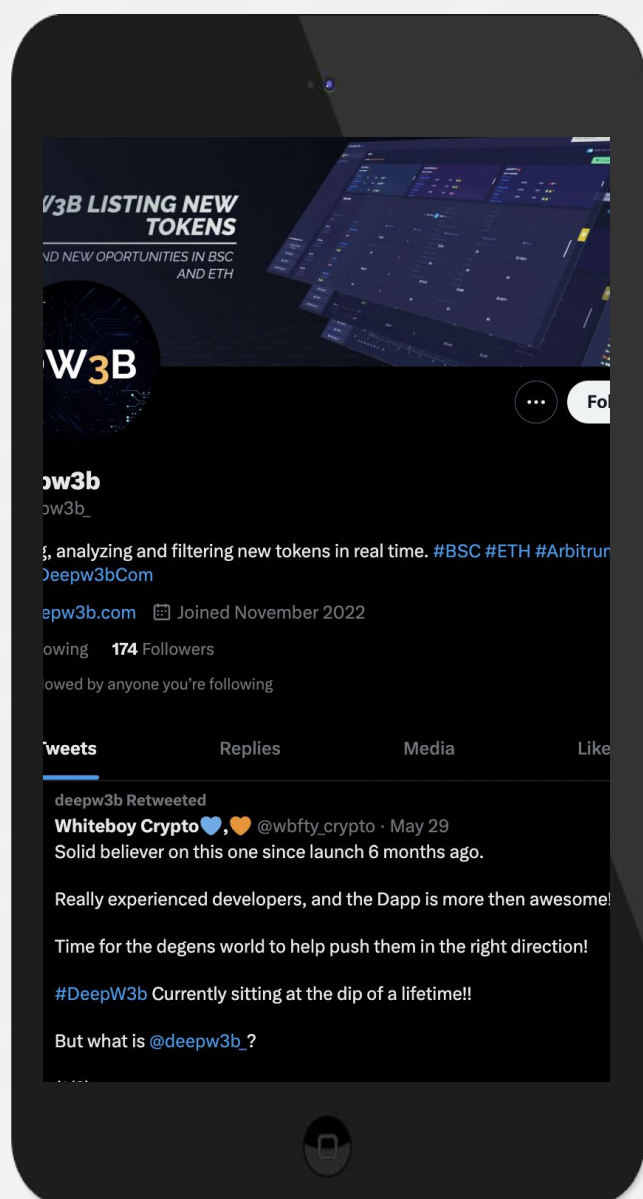


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

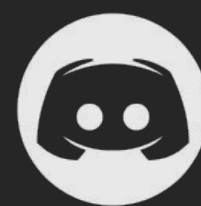
Project's social media  
pages are active



Twitter

@deepw3b\_

- 174 followers
- Active
- Posts frequently



Discord

- Not available



Telegram

@Deepw3bCom

- 805 members
- Active members
- Active mods



Medium

- Not available





# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

## FIND US ONLINE



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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.